From: Leon Mun, WY [mailto:Waiyuen.Mun@sony.com]
Sent: Thursday, 12 October 2017 7:32 PM
Subject: RE: Public Consultation on the revision of the DVB-T2 IRD Technical Specification

Dear IMDA,

Please find the comments from SONY of the changes :

1) With regards to the items Pg.4 and Pg.7 referred to below. There should be no issue to comply, however it is suggested to have a grace period of 1 year from the date of the official publication for manufacturers to transition and adopt the changes.

Page	TS Ref	Items Changed	Date of Issue
4	Part A § 2	Part A § 2 References Added references – [7a] IEC 61000-4-3 (2010-04): Testing and measurement techniques – Radiated, radio-frequency, electromagnetic field immunity test [9] ITU-T K.116 (2015): EMC requirements and test methods for radio telecommunication terminal equipment	DD Sep 2017
7	Part A § 4.2.1.2	Part A § 4.2.1.2 EMS or immunity testing This clause has been revised to provide clarity in the requirements and measurement techniques for radiated radio-frequency electromagnetic field immunity testing at the enclosure of the DVB-T2 IRD.	DD Sep 2017

2) With regards to the items on Pg.33. We would like to suggest an amendment to the value proposed in SG6 ; PAL B/G CI C/I N+/-1. The proposed value is -32dB but we suggest that it should be -42dB.
If you refer to SG5 PAL B/G CI C/I N+/-2 . There is a -9dB difference to SG6 PAL B/G CI C/I N+/-2 (-44dB to -53dB).
Similarly, for PAL B/G CI C/I N+/-1 it should be -42dB to scale accordingly from SG5 to SG6.

33	Annex E	Annex E has been amended to include the DVB-T2 performance requirements for SG6 indoor reception mode. The SG6 transmission mode has been added to offer a more robust modulation scheme that will enhance the indoor reception.	DD Sep 2017

Identifier	SG1	SG2	SG3	SG4	SG5	SG6
Purpose	Fixed Outdoor Reception	Indoor Reception	Indoor Reception	Indoor Reception	Indoor Reception	Indoor Reception
Receiver noise figure on Gaussian channel	6.0	6.0	6.0	6.0	6.0	6.0
Maximum Receiver Signal Input Levels (dBm)	-35	-35	-35	-35	-35	-35
Immunity to "digital" signals in Other Channels						
Digital ACI N+/-1 C/I (dB)	-28	-34	-32	-31	-28	-37
Digital ACI N+/-2 C/I (dB)	-38	-44	-42	-41	-38	-47
Digital ACI N+9 C/I (dB)	-28	-34	-32	-31	-28	-37
Immunity to Co-Channel Interference From Analogue TV Signals						
PAL B/G CCI C/I (dB)	5	-3	1	4	3	-6
Immunity to Adjacent Channel Interference From Analogue TV Signals						
PAL B/G ACI C/I N+/-1 (dB)	-33	-39	-37	-36	-33	-32
PAL B/G ACI C/I N+/-2 (dB)	-44	-50	-48	-47	-44	-53
PAL B/G ACI C/I N+9 (dB)	-44	-50	-48	-47	-44	-53
Performance in Time-						

Thanks.

Regards,
Leon